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Dear Larry,

Happy New Year! We had a marvelous 2-week vacation with my brother-in-law in Berkeley, and what with the high living in the Bay area, I feel very distant from the wintry atmosphere here and down-to-earth lab problems. Also just how far I got writing to you last time.

Anyway, we've had misfortune with W-1210: as you may remember, the culture was mssing from the stab collection, and yours was the only one on hand. The lyophils made that particular day in 1951 were found hydrated. However, my records say that it is equivalent to W-1164: save UV step, probably a partition for some trivial colony type, and so I'm hoping that this will be of some use. Your card did not make quite clear why a re-infected Lp s is not useful.

Since I am doing some irradiations of lambda, I would appreciate knowing more details of your experiments. Your last report on this subject gives a curve, but no details of method or extent of work. (In fact, Josh has to write up his various annual reports, and is awaiting yours of your work here. hint). Should cover up to June, I guess.

While I have cultures on my mind, I might also say that you already have the h indicator: it is 3047. The h-lysogenic in 3047 is 3116. Weigle and Jacob have requested Gal - indicators so they will probably get 3091-2-4. Am also enclosing a letter from Weigle , which we read only a short time ago. I have received Jacob's Gal b. Gal b apparently originated from Gal + Rev. of W-677, then Gal- obtained by UV. He wrote that he now thinks Gal b is a double. (On what basis, I do not know). It is fairly unstable, and I can't do much right now as it seems to be non-transformable (Lp_2^r?) Jacob, as everyone else, is working with HFT, and following quite closely on experiments I've planned, and probably you. I'm trying to transduce various kinds of syngenotes with non-lambda temperate phages (p-1, p434) and am involved in some hideous technical details.

For the rest I'm trying to resuscitate the various diploid problems. I'm also trying to work with non-Gal-linked Hfr in efforts to get Gal,Gal, Lp order. Unfortunately, the present auxotrophic markers cut down yield, so the way is not easy.

We just received a mysterious communication each from Kalcher , and Kioshi: they have given up studies of extracts, having solved that problem since it is in publication, and have ignored requests for details of their methods and actual figures. They are now distinguishing him kinase-less from transferase-less by galactose inhib. of growth: no details, though twice requested. I'm very disappointed that Gal 3 will not be analyzed, and hope that I can convince them to do at least this last one. Meantime, K. is thinking of complicated enzyme contnet studies as a function of lambda,etc.

Our passports awaited us on our return from the trip : exactly 2 weeks after application submitted. So all is ready for the March trip to London, Paris, Glasgow, & Copenhagen. We've got 2 busy months ahead of us, trying to finish off. We'll be back in April. Then off in early June through September to Australia.

Yours